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The same author, (*Bull. Amer. Mus. Nat. Hist.*, Vol. XVI, pp. 323-332) calls attention to the great importance of boring algæ as a factor in the disintegration of corals. These grow most vigorously in quiet lagoons and thus contribute to the rapid decay of corals known to take place in such situations. They are, therefore, to be reckoned among the numerous elements concerned with the formation of coral islands.

The crustacean fauna of Nickajack Cave, Tennessee, has been investigated by W. P. Hay (*Proc. U. S. Nat. Mus.*, Vol. XXV, pp. 417-439). A new species of Cæcidotea, closely related to *C. nickajackensis* Packard, a new species of Gammarus, and two new subspecies of crayfishes are described.

Notes on the structure and development of a species of barnacle, *Dichelaspis mülleri*, found parasitic on the gills of crabs, have been published by R. E. Coker (*Bull. U. S. Fish Com. for 1901*, pp. 399-412).

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#### BOTANY.

**McIlvaine and Macadam's "American Fungi."**<sup>1</sup>—A second edition of this book, which appeared first in 1900, has been brought out, and differs from the original edition in the addition of a supplement of twenty-five pages, including one full plate and several cuts. There is no equally full and fully illustrated book on the edible and poisonous fungi of this country, and though bulky and somewhat inconvenient for use, it is much lighter than the original issue and it ought to be in the hands of all who collect fungi for the table.

W. T.

**Notes.**—*Postelsia*, the new yearbook of the Minnesota Seaside Station, makes its appearance in a very attractive form, in the issue for 1901, recently distributed. This volume consists of seven chapters, or lectures, illustrated.

A new periodical, *Annales Mycologici*, under the editorship of H. Sydow and devoted to Fungi, is announced to appear at the opening of 1903, through the book house of R. Friedländer and Sohn, of Berlin.

<sup>1</sup> McIlvaine, Charles, and Macadam, Robert K., *One Thousand American Fungi*. Revised edition. Indianapolis, The Bowen-Merrill Company, 1902. Quarto, xxxvii + 729 pp. Numerous plates, some of them in color, and line cuts. \$5.00.